MONTANA-POWDER RIVER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY (BEAVER CREEK SCHOOL) 106°00′ 45°37′30″ 106°07′30″ 45°37′30″ R. 45 E. R. 46 E. This report has not been edited for conformity with U.S. Geological Survey editorial standards or 26 25 NOTE: Isopachs and structure contours cannot be drawn beyond those 3544 shown because of insufficient data. 32 31 T. 2 S ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot. STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed. measured in feet. Plus (+) sign after number indicates incomplete measurement. To convert feet to meters, multiply feet by 0.3048. 12 10 11 13 15 16 14 18 17 21 19 20 25 27 32'30" 32'30" 36 33 34 31 T. 3 S. T. 4 S. T. 4 S. 12 10 11 (YAGER BUTTE) 4774 | NE SCALE 1:24000 Compiled in 1977 Base map from U.S. Geological Survey, 1966 1 KILOMETER MONTANA

COLEMAN DRAW QUADRANGLE

OPEN FILE REPORT 79-083

PLATE 10 OF 31

OPEN-FILE REPORT

stratigraphic nomenclature.

EXPLANATION

-3600 -- 3620

4.0+

UNITED STATES

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET COAL RESOURCE OCCURRENCE MAP OF THE COLEMAN DRAW QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

PLATE 10

ISOPACH AND STRUCTURE CONTOUR MAP OF THE X COAL BED